

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method of transmitting data from a transmitting apparatus device to a receiving apparatus device through a predetermined network, wherein a plurality of apparatuses, including the transmitting apparatus, the receiving apparatus, a first controlling apparatus, and a second controlling apparatus, are connected to the predetermined network, the method comprising:

transmitting a request from the a-first device-controlling apparatus to the a-second device-controlling apparatus to mount-execute a connection management function from a plurality of connection management functions, said request for executing the connection management for  
establishes a connection between the transmitting apparatus and the receiving apparatus on the predetermined network and executes data transmission from between the transmitting apparatus device to and the receiving device apparatus through the connection by using a control module of a corresponding connection management function mounted in the second controlling apparatus,

when the first controlling apparatus device for carrying out connection management for data transmission from between the transmitting apparatus device to and the receiving apparatus device does not mount a control module of the a-corresponding connection management function and has been notified by the second controlling apparatus device that the second controlling apparatus device mounts a control module of the corresponding connection management function.

2. (Currently Amended) The transmitting method according to claim 1, wherein the

connection management function includes providing connection and disconnection of the transmitting apparatus device and the receiving device apparatus.

3. (Currently Amended) The transmitting method according to claim 1, wherein a result of the connection management is transmitted from the second controlling apparatus device to the first device-controlling apparatus through the predetermined network.

4. (Currently Amended) A transmitting system for transmitting data from a transmitting apparatus device to a receiving apparatus device connected to a predetermined network, the system comprising:

a first controlling apparatus device connected to a predetermined network, said first controlling apparatus including a first control section for preparing and transmitting a request to another controlling apparatus device to ~~mount~~ execute a connection management function ~~from a plurality of connection management functions~~ when the first controlling apparatus device does not mount a control module of said connection management function and has been notified by said another controlling apparatus device that said another controlling apparatus device mounts a control module of said connection management function, said request including a request for executing the connection management ~~for~~ to establish a connection between the transmitting apparatus and the receiving apparatus on the predetermined network and to execute data transmission from between the transmitting apparatus device to and the receiving device apparatus through the connection by using a control module of a corresponding connection management function mounted in said another controlling apparatus; and

a second controlling apparatus device configured to receive said request, said second

controlling apparatus device including a second control section for executing the connection management function.

5. (Currently Amended) The transmitting system according to claim 4, wherein the control section of the second controlling apparatus device includes a processor to perform connection and disconnection of the transmitting apparatus device and the receiving device apparatus.

6. (Currently Amended) A transmission control device connected to a predetermined network for controlling a data transmission on the network, the device comprising:

a notification section for notifying another transmission control device on the network of connection management functions mounted in said transmission control device;

a receiving section for receiving a connection setting request from said another transmission control device, said connection setting request including a request for executing connection management to establish a connection needed to manage data transmission between a transmitting device and a receiving device on the network and to execute data transmission from the transmitting device to the receiving device through the connection by using a control module of, wherein a corresponding connection management function is not mounted in said another transmission control device but mounted in said transmission control device; and

a connection managing section for executing said connection management between the transmitting device and the receiving device based on the connection setting request.

7. (Previously Presented) The transmission control device according to claim 6, further

comprising a transmitting section for transmitting a result of the connection management in the connection managing section to said another transmission control device.

8. (Currently Amended) The transmitting system according to claim 4, wherein the ~~request command set~~ includes a self-describing data structure, which provides a device control data.

9. (Previously Presented) The transmitting system according to claim 8, wherein the device control data includes a device type of the transmitting device and the receiving device.

10. (Previously Presented) The transmitting system according to claim 8, wherein the device control data includes an override DCM of the transmitting device and the receiving device.

11. (Previously Presented) The transmitting system according to claim 8, wherein the device control data includes a graphical representation of the transmitting device and the receiving device.

12. (New) A transmitting system for transmitting data from a transmitting device to a receiving device connected to a predetermined network, the system comprising:

a first device including a first control section for preparing and transmitting a request to another device to mount a connection management function from a plurality of connection management functions when the first device does not mount said connection management

function and has been notified by said another device that said another device mounts said connection management function, said request including a request for executing the connection management for data transmission between the transmitting device and the receiving device; and

a second device configured to receive said request, said second device including a second control section for executing the connection management function,

wherein the request includes a self-describing data structure, which provides a device control data, and

wherein the device control data includes an override DCM of the transmitting device and the receiving device.